

INTERNATIONAL SEARCH REPORT

International Application No
PCT/EP 03/14550

A. CLASSIFICATION OF SUBJECT MATTER
IPC 7 B01D11/04 A61K9/14

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)
IPC 7 B01D A61K B01J

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X A	US 5 543 057 A (WHITING PHILIP ET AL) 6 August 1996 (1996-08-06) column 5, line 1 -column 7, line 15; figure 1	1,2,4, 8-12 3
X	EP 1 005 903 A (EBARA CORP) 7 June 2000 (2000-06-07) abstract; figure 1 column 15, line 24 -column 17, line 15	1-5,8,9, 12
X A	US 2002/179540 A1 (PERRUT MICHEL) 5 December 2002 (2002-12-05) cited in the application paragraphs '0042!-'0044!; figure 1; example 1	1,2,4,12 3

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☒ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

* Special categories of cited documents :

- *A* document defining the general state of the art which is not considered to be of particular relevance
- *E* earlier document but published on or after the international filing date
- *L* document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
- *O* document referring to an oral disclosure, use, exhibition or other means.
- *P* document published prior to the international filing date but later than the priority date claimed

- *T* later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
- *X* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- *Y* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.
- * & * document member of the same patent family

Date of the actual completion of the international search

13 May 2004

Date of mailing of the international search report

25.05.04

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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X A	US 6 440 337 B1 (HANNA MAZEN ET AL) 27 August 2002 (2002-08-27) column 8, line 50 -column 9, line 28; figure 1 -----	1,2,4,8, 9,12 3
X A	US 5 252 224 A (KUCHARICH EVAN F ET AL) 12 October 1993 (1993-10-12) abstract; claim 1; figures 1,12 column 7, line 52 -column 8, line 16 -----	1,2,4,8, 9,12 3
X	WO 99/65469 A (RTP PHARMA INC) 23 December 1999 (1999-12-23) abstract; claims 1-5 -----	1,2,4,8, 9,12

INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No

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Patent document cited in search report		Publication date	Patent family member(s)	Publication date
US 5543057	A	06-08-1996	CA 2171687 A1	14-09-1996
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			JP 10296076 A	10-11-1998
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INTERNATIONAL SEARCH REPORT

International application No.
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Box I Observations where certain claims were found unsearchable (Continuation of item 1 of first sheet)

This International Search Report has not been established in respect of certain claims under Article 17(2)(a) for the following reasons:

1. ☐ Claims Nos.:
because they relate to subject matter not required to be searched by this Authority, namely:
2. ☐ Claims Nos.:
because they relate to parts of the International Application that do not comply with the prescribed requirements to such an extent that no meaningful International Search can be carried out, specifically:
3. ☐ Claims Nos.:
because they are dependent claims and are not drafted in accordance with the second and third sentences of Rule 6.4(a).

Box II Observations where unity of invention is lacking (Continuation of item 2 of first sheet)

This International Searching Authority found multiple inventions in this international application, as follows:

see additional sheet

1. ☒ As all required additional search fees were timely paid by the applicant, this International Search Report covers all searchable claims.
2. ☐ As all searchable claims could be searched without effort justifying an additional fee, this Authority did not invite payment of any additional fee.
3. ☐ As only some of the required additional search fees were timely paid by the applicant, this International Search Report covers only those claims for which fees were paid, specifically claims Nos.:
4. ☐ No required additional search fees were timely paid by the applicant. Consequently, this International Search Report is restricted to the invention first mentioned in the claims; it is covered by claims Nos.:

Remark on Protest

- ☐ The additional search fees were accompanied by the applicant's protest.
- ☒ No protest accompanied the payment of additional search fees.

FURTHER INFORMATION CONTINUED FROM PCT/ISA/ 210

This International Searching Authority found multiple (groups of) inventions in this international application, as follows:

1. Claims: 1-4,11,12

A process for the isolation of particles produced by (another) process working at high pressure, wherein said particles are isolated as a suspension in a non-supercritical fluid.

Particles isolated from a high pressure process as a suspension in a non-supercritical fluid.

An apparatus for the isolation of produced particles as a suspension in a non-supercritical fluid.

2. Claims: 5,6,11,12

Apparatus and process for the homogenisation of a particle product, wherein the particles are in a suspension. The particles produced by such a process.

3. Claims: 7-12

A process for the isolation of a product consisting of more than one component produced by separate high pressure processes.